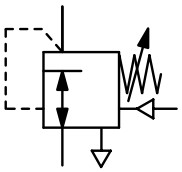
DIFFERENTIAL PRESSURE REGULATOR P1: MAX. 414 BAR, P2: 0-103 BAR RH44

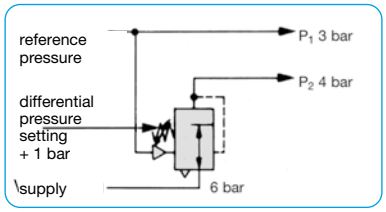
Description	The dome loaded, spring biased regulator is designed for pressure tracking applications to maintain a constant differential pressure. Venting allows for pressure tracking increases and decreases.		
Media	compressed air or gases according to the selected material		
Supply pressure	max. 414 bar	**Outlet pressure**	max. 103 bar
Exhaust	tapped exhaust ¼″ NPT	**Control port**	⅛″ NPT
Adjustment	hexagonal screw for spring tension	**Leakage**	bubble-tight
Gauge port	not available	**Mounting position**	any
Temperature range	-26 °C to 74 °C / -14 °F to 165 °F		
Material	Body: brass, optionally stainless steel 302 Valve seat and gasket: CTFE, Vespel O-Rings: FKM		



differential pressure 0-1/24 bar
reference pressure 0- 103 bar

Dimensions A mm	B mm	C mm	K_v-value (m^3/h)	Flow rate l/min*1	Connection thread NPT	Differential pressure range bar	Order number
Differential pressure regulator				P1 max: 414 bar, PA max: 103 bar, brass relieving, PSH: 0 ... 103 bar, FKM / CTFE			**RH44**
76	212	46	0.7	10000	½″ NPT	0... 1 bar	**RH44-04A**
						0... 7 bar	**RH44-04B**
						0... 14 bar	**RH44-04C**
						0... 24 bar	**RH44-04D**
76	212	46	2.0	21000	¾″ NPT	0... 1 bar	**RH44-06A**
						0... 7 bar	**RH44-06B**
						0... 14 bar	**RH44-06C**
						0... 24 bar	**RH44-06D**

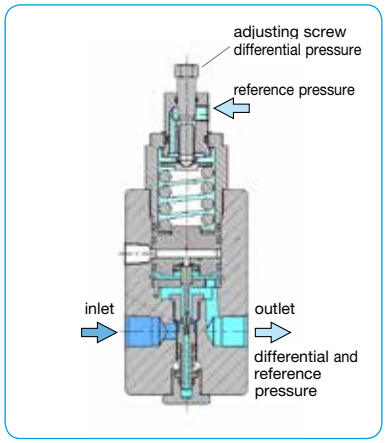
RH44



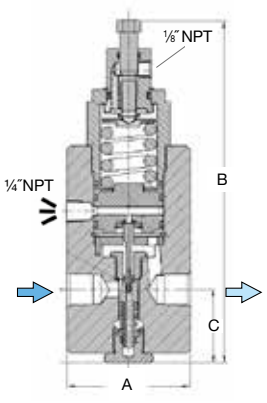
Example: differential pressure constant 1 bar

Special options, add the appropriate letter

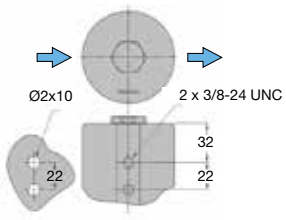
stainless steel body	RH44-0..**S**



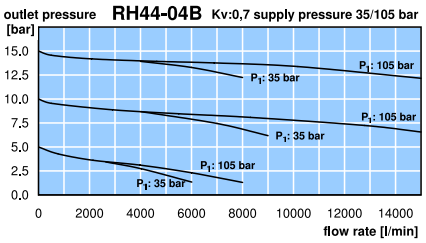
cross-section



RH44



panel-mounting



*1 bei P_1 = 105 bar, P_2 = 15 bar and Δp = 1 bar

Stainless steel version: see chapter for stainless steel devices

PDF CAD
www.aircom.net

Order example: RH44-04A

High pressure

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